

## CA-NV AWWA Water Loss Technical Assistance Program

### Wave 4 Water Audit Level 1 Validation Document

#### Audit Information:

Utility: San Bernardino Municipal Water Department

PWS ID: 3610039

System Type: Potable

Audit Period: Calendar 2016

Utility Representation: Ted Brunson (Associate Engineer), Devin Arciniega (Water Conservation / Public Affairs Coordinator)

Validation Date: 9/29/2017

Call Time: 8:00 AM

Sufficient Supporting Documents Provided: Yes

#### Validation Findings & Confirmation Statement:

##### Key Audit Metrics:

Data Validity Score: 57 Data Validity Band (Level): Band III (51-70)

ILI: 2.31

Real Loss: 43.02 (gal/conn/day)

Apparent Loss: 22.02 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 6.3%

##### Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

#### Validator Information:

Water Audit Validator: Steve Cavanaugh / Jeff Cappadona (support)  
Loss TAP

Validator Qualifications: Contractor for CA-NV AWWA Water

Validator Provided

## Utility Provided

10/3/17  
Date